

16/5 LIBRARY
**Northcawl
Urban District Council.**



**ANNUAL
REPORT**

of the

**Medical Officer
of Health**

FOR THE YEAR 1940.

1942.

Printed by Order of the Urban District Council
by D. W. Jones, Port Talbot.

**Northcawl
Urban District Council.**



**ANNUAL
REPORT**

of the

**Medical Officer
of Health**

FOR THE YEAR 1940.

1942.

Printed by Order of the Urban District Council
by D. W. Jones, Port Talbot.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR, 1940



MEMBERS OF PUBLIC HEALTH COMMITTEE.

(Composed of the whole Council).

Councillor R. D. CHALKE, M.A., M.D., J.P. (Chairman of the Council)

Councillor J. PHILLIPS (Chairman of the Health Committee).

Councillor T. H. AUSTIN. Councillor E. BOWEN.

Councillor W. T. BURNELL. Councillor G. GLFNTON.

Councillor D. JONES. Councillor W. E. JONES.

Councillor J. T. LEWIS. Councillor J. LOUGHLIN.

Councillor J. NEWMAN. Councillor D. J. REES, J.P., O.B.E.

Councillor E. THOMAS. Councillor R. B. THOMAS.

Councillor V. W. THOMAS.

MATERNITY AND CHILD WELFARE COMMITTEE.

This Committee is comprised of the whole Council together with the
following co-opted Members :—

Mrs. E. C. CHALKE, J.P. (*Chairman*).

Mrs. J. H. BERE.

Mrs. A. LEWIS.

Mrs. A. BROOKE.

Mrs. J. PHILLIPS.

Miss M. E. GARSED.

Miss A. ROBERTS.

PUBLIC HEALTH STAFF.

Medical Officer of Health—

G. M. A. THOMAS, L.R.C.P., S.E., etc.

ETHEL G. DAVIES, M.R.C.S., L.R.C.P. (Lon.), appointed 3/4/41.
(Part Time).

Sanitary Inspector—

R. P. DICKS, M.S.I.A., C.R.S.I.,

Sanitary Inspector and Inspector of Meat and Other Foods.
(Whole Time).

Health Visitor—

Nurse E. G. RICHARDS, M.B.E., S.R.N., H.V., S.C.M.,
Medical, Surgical Queens Nurse. (Part Time).

SECTION A.

STATISTICS & SOCIAL CONDITIONS OF THE AREA.

Area of the District in Acres	3,737	
Estimated Resident Population, Middle 1940	9,314	X
At Census, 1921 {	Total population at all ages	6,642
	No. of Inhabited Houses	1,297
At Census, 1931 {	Total population at all ages	6,447
	No. of Inhabited Houses	1,530
	No. of Families or Separate Occupiers	1,610
Number of inhabited houses according to Rate Books (end of 1940)	2,727	X
Rateable Value	£59,328	
Estimated product of a Penny Rate	£235	

NATURAL AND SOCIAL CONDITIONS.

The Urban District is situated on a promontory of the Glamorganshire Coast, between the ports of Cardiff and Swansea.

Its southerly aspect, sandy soil, and the fact that it is sheltered on the North and North East by a range of hills, make its climate congenial and healthy.

Porthcawl being a seaside resort, the chief occupations of the inhabitants are the keeping of hotels and boarding houses, and the maintenance of the necessary social services.

A small number of men residing in this area are employed in the coal mines and stone quarries which are situated in the neighbouring districts.

Unemployment (the Year 1940).

	Men	18—20	16—17	14—15	Women	18—20	16—17	14—15	Tot'ls
Wholly Unempl.	31	3	1	1	22	4	7	2	71
Temp. Stopped	1	—	—	—	2	—	—	—	3
Ins. Popu'tion	1020	91	80	69	351	206	112	51	1980

VITAL STATISTICS OF WHOLE DISTRICT DURING 1940 AND PREVIOUS YEARS.

Year.	Population estimated to middle of each year.	Nett Births.		Nett Deaths belonging to the district			
				Un'r 1 yr-of age		At all Ages.	
		Number	Rate per 1,000	Number	Rate per 1,000	Number	Rate per 1,000
*1921	6,642	53	7.99	6	111.89	57	8.50
1925	6,830	111	15.96	6	55.04	84	12.29
*1931	6,210	67	10.78	1	15.00	70	11.27
1932	6,447	65	10.08	2	30.76	82	12.71
1933	6,100	77	12.62	4	51.94	91	14.91
1934	6,169	59	9.56	2	34.00	76	12.31
1935	6,430	85	13.21	3	35.00	84	13.06
1936	6,585	75	11.39	3	40.00	97	14.81
1937	6,693	74	11.06	3	40.00	74	11.06
1938	6,752	78	11.5	3	38.00	86	12.72
1939	7,027	106	15.08	3	28.3	92	12.17
1940	9,314	108	11.60	6	53.0	114	12.20

*Census Figures.

Extracts from Vital Statistics for the Year 1940.

(After correction for inward and outward transfers).

	M.	F.	Total.
Live Births, Legitimate	60	48	108
„ „ Illegitimate	7	—	7
Birth Rate per 1,000 of the estimated resident population—11.6			
Still Births	—	3	3
Rate per 1,000 (Live and Still- births)—27.02			
Deaths	70	44	114
Death rate per 1,000 of the estimated resident population—12.2			

Deaths and Death-rates from Puerperal causes.

	Deaths.	Rate per 1,000 total (Live and Still) Births.	
Puerperal Sepsis	0	...	0.00
Other Puerperal Causes	0	...	0.00
	—	—
Total	0	...	0.00

Death Rate of Infants under One Year of Age.

All Infants per 1,000 live births	52.6
Legitimate Infants per 1,000 legitimate live births	56.6
Illegitimate Infants per 1,000 illegitimate live births.....	0.00
Deaths from Cancer (all ages)	14
Deaths from Measles (all ages)	Nil.
Deaths from Whooping Cough (all ages)	Nil
Deaths from Diarrhoea (under 2 years of age)	Nil.

CAUSES OF DEATH.

<i>Causes of Death.</i>	<i>M.</i>	<i>F.</i>
All Causes	70	44
1 Typhoid and Paratyphoid Fevers	—	—
2 Measles	—	—
3 Scarlet Fever	—	—
4 Whooping Cough	—	—
5 Diphtheria	—	1
6 Influenza	4	4
7 Encephalitis Lethargica	—	1
8 Cerebro Spinal Fever	2	3
9 Respiratory Tuberculosis	3	—
10 Other Tuberculosis Diseases	—	—
11 Syphilis	—	—
12 General Paralysis of Insane, Tabes Dorsalis	—	—
13 Cancer, Malignant Disease	8	6
14 Diabetes	—	—
15 Cerebral Haemorrhage	4	2
16 Heart Disease	12	12
17 Aneurysm	—	—
18 Other Circulatory Diseases	2	2
19 Bronchitis	4	—
20 Pneumonia	1	1
21 Other Respiratory Diseases	3	—
22 Peptic Ulcer	4	—
23 Diarrhoea, etc. (under 2 years)	—	—
24 Appendicitis	—	—
25 Cirrhosis of Liver	—	—
26 Other Diseases of the Liver	—	—
27 Other Digestive Diseases	2	2
28 Acute and Chronic Nephritis	—	2
29 Puerperal Sepsis	—	—
30 Premature Birth	—	1
31 Con. Mal. Mirth Inj. Infant Dis.	2	1
32 Senility	—	—
33 Suicide	—	—
34 Other Violence	4	1
35 Road Traffic Accidents	3	1
36 All other causes	12	4
37 Diarrhoea (2 years and over)	—	—

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

All Baeteriological and Chemical Work is earried out by an arrangement with the Cardiff and County Public Health Laboratory, Cardiff. Frequent samples of water, milk, food-stuffs and elinical material are sent for examination and report. The following figures show the number of specimens, other than clinical material, examined at the Laboratory during 1940:—

Water (Bacteriologically)	13
Water (Chemically)	8
Milk (Bacteriologically)	29
Designated Milk (Bacteriologically)	14
Milk (for Tubercle Bacilli)	Nil

Ambulance Facilities.

For Infectious Cases the two motor ambulances of the Bridgend Isolation Hospital are available.

The service has been satisfactory and no difficulties were experienced in obtaining prompt removal of all cases admitted to the Hospital.

For Non-Infectious Cases and Accidents.—A new motor ambulance for dealing with emergency and accident cases is available, and the working and maintenance of this service is in the hands of a Committee comprising of Members of your Council and Representatives from local organisations.

Nursing in the Home.

No provision is made for general or infectious disease nursing in the home, this class of nurisng being left to nurses in private practice and those from nursing centres.

Clinics and Treatment Centres.

Welfare Centre :—A Maternity and Child Welfare Centre is conducted by the Council. The improved premises obtained

in the Lesser Hall of the Grand Pavilion have had to be relinquished for Air Raid Precautions purposes, and the sessions are now being held in temporary premises at the Girls' Club, Lifeboat Road, Porthcawl.

Ante-Natal Clinic :—The clinic is held fortnightly, in the same building as the Welfare Centre.

School Clinics :—Are under the supervision of the Glamorgan Education Authority.

Tuberculosis Dispensary :—The nearest Dispensary serving this area is at the Old Cottage Hospital, Bridgend.

Venereal Diseases :—The Clinics are under the supervision of the County Public Health Authority, and the nearest treatment centre is situated at Port Talbot.

Hospitals Available.

For Small Pox the hospital near Cefn Hirgoed in the Penybont Area.

For general fever cases the Isolation Hospital near Bridgend.

For Tuberculosis. The Sanatoria and Tuberculosis Hospital of W.N.M.S., and G.C.C.

For Maternity. By arrangement with the Glamorgan Public Assistance Committee, cases are admitted to the Maternity Ward of the Bridgend Infirmary.

For Children. None.

General. Cardiff and Bridgend.

For Orthopaedics. Prince of Wales Hospital, Cardiff.

LEGISLATION IN FORCE.

List of Adoptive Acts, Bye-laws and Regulations relating to the Public Health, in force in the District.

Adoptive Acts.

Private Street Works Act, 1892.

Porthcawl Urban District Council Act, 1914.

Bye-laws and Regulations in regard to—

New Streets and Buildings.

Tents, Vans and Sheds.

Pleasure Boats and Vessels.

Delegated Powers.

Rats and Mice Destruction Act, 1919.

Cinematograph Act, 1909.

Shops Act, 1912-1936.

MATERNITY AND CHILD WELFARE.

Notification of Births.

The notification of Births Act, which requires all births and still births occurring in the area after the 28th week of pregnancy to be notified to the Medical Officer of Health within 36 hours, forms the basis of health visiting. This duty has been well observed.

The number of births and still births is in the ratio of 36 to 1.

The total number of births notified was 111, including 3 still births.

Midwives notified 110. Doctors notified 1.

Work of the Health Visitor.

One part time Health Visitor is employed by the Authority.

Number of visits paid during the year by the Health Visitor:—

(1) To expectant mothers—

First Visits	.....	Nil.
Total Visits	.....	Nil.

(2) To children under one year of age—	
First Visits	78
Total Visits	347
(3) To children between the ages of 1 and 5 years—	
Total Visits	684

Infant Welfare Centres.

(a) Number of Centres provided and maintained by the Council	1
(b) Total number of children who first attended at the Centres during the year and who, on the date of their first attendance, were:—	
(1) Under one year of age	60
(2) Between the ages of 1 and 5 yrs.	28
(c) Total number of children under 5 years of age who attended at the Centres during the year and who, at the end of the year, were:—	
(1) Under one year of age	54
(2) Over one year of age	110

Ante-Natal Services.

(a) Number of Clinics provided and maintained by the Council	1
(1) Total number of women who attended at the Clinic during the year	26
(b) Total number of expectant mothers antenatally examined, and of cases postnatally examined during the year, under arrangements made by the Council with private medical practitioners, excluding cases included under (a) (1)	Nil.

Supply of Milk.

A supply of free milk is provided to necessitous cases for expectant mothers, nursing mothers and children up to five years of age.

During the year 275 gallons of milk, at a cost of £32/1/9½ was supplied through this service.

Puerperal Pyrexia.

Two notifications were received during the year 1940.

MATERNAL MORTALITY.

Actual deaths—Porthcawl:—

(a) From Sepsis	Nil.
(b) From other causes	Nil.
Total	Nil.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Sections C, D and E, dealing with the sanitary circumstances of the Area, Housing and Inspection and Supervision of Food embrace the submission of the Sanitary Inspector's Report.

Water Supply.

Practically the whole of the area is served by a piped supply on the constant system through the mains of the Porthcawl Council's waterworks.

Before passing into the Service Reservoir the water is treated by mechanical filtration and chlorination.

Sufficiency of the Supply.

Curtailment of the supplies became necessary during the long period of drought, and considerable use has been made of the new Bore Hole at Fynnon Fawr to augment the main supply which is Graig-y-aber.

Steps taken to guard against Contamination.

Regular inspections are made of the gathering grounds and water courses feeding the Graig-y-Aber impounding reservoir, and the Cwm Fadog area.

The risk of pollution at Llwyn Gladys Farm still exists.

Quality of the Supplies.

The following table, of samples submitted to the County Public Health Laboratories for chemical and bacteriological examination, indicate the quality of the supplies.

	<i>No. of Samples.</i>	<i>Satis- factory.</i>	<i>Moderate Purity.</i>	<i>Unsatis- factory.</i>
Bacteriological	13	9	2	2
Chemical	8	6	2	—
Total	21	15	4	2

DRAINAGE AND SEWERAGE.

The major portion of the district is sewered, one small section has a separate system for surface water drainage, the remainder is on a combined system.

Cesspools.

Number of cesspools in use is 43. There is one septic tank which receives the drainage matter from Locks Common conveniences.

The cleansing of cesspools is undertaken by the Local Authority; the modern vehicle used for this purpose minimises any nuisance which is caused by these operations.

PUBLIC CLEANSING.

Collection and transport of refuse is affected by means of two motor cleansing vehicles: the disposal is by tipping on one central "dump" near the Northern boundary of the Urban Area.

PRIVATE STREET WORKS.

No further improvements were effected during the year 1940.

SHOPS.

337 visits to shops were made by the Sanitary Inspector during the year. The following improvements were carried out at shops in the area:—

8 new water closets provided.

3 premises—provision of suitable and sufficient temperature.

4 premises—provision of suitable and sufficient ventilation.

4 premises—new drainage provided.

ERADICATION OF BED BUGS.

The number of dwelling houses found to be infested with bed bugs was 8. These premises were in private ownership, and in 4 of these cases disinfestation was undertaken by the Public Health Department, and the responsible parties had to meet the expenses incurred in carrying out the work.

In other instances the persons concerned are advised upon the most effective methods for freeing their homes and belongings from vermin.

Concentrations of Sulphur Dioxide gas and spraying with insecticide fluids are the chief methods employed for the eradication of these pests.

SANITARY INSPECTION OF THE AREA.

The number and nature of inspections made by the Sanitary Inspector are as follows:—

General Sanitation.

Water Supply	130
Drainage	501
Stables and Piggeries	9
Fried Fish Shops	15
Tents, Vans, Sheds	122
Factories—Mechanical	21
Non-Mechanical	100
Bakehouses	8
Public Conveniences	23
Theatres and Places of Entertainment	6
Refuse Collection	127
Refuse Disposal	58
Rats and Mice	139
Smoke Observations	3
Schools	21
Miscellaneous Sanitary Visits	220
Shops	337

Housing.

Under Public Health Acts.

Number of houses inspected	78
Visits paid to above houses	121

Under Housing Acts.

Number of houses inspected	20
Visits paid to above houses	23

Overcrowding.

Number of houses inspected	4
Visits paid to above houses	4

Verminous Premises.

Number of houses inspected	8
Visits paid to above houses	14
Miscellaneous Housing Visits	20

Infectious Diseases.

Inquiries in cases of Infectious Diseases	194
Visits re-disinfection	107
Miscellaneous Infectious Disease visits	120

Meat and Food Inspection.

Visits to:—

Slaughterhouses	50
Meat Shops	382
Fishmongers and Poulterers	79
Cowsheds	179
Dairies and Milkshops	154
Ice Cream Premises	86
Restaurant Kitchens	40
Miscellaneous Visits	32

Visits in connection with Sampling.

Milk—Bacteriological	17
Milk—Tubercle Bacilli	—
Water Bacteriological	7
Miscellaneous Visits	11

The Number of Notices served during the year.

Informal	35
Statutory—	
Public Health Act, 1936	6
Housing Act, 1936	1
Milk and Dairies Acts	3
Factory Act, 1937	2

Result of Service.

Nuisances and other matters dealt with satisfactorily	38
Notices not complied with	3

Verbal intimations resulted in a considerable amount of work being executed without the need for further action.

FACTORIES AND WORKSHOPS.

There are 45 Factories and Workshops distributed throughout the district. They are classified as follows:—

Engineering Works (Motor Repairs, etc.)	8
Bakehouses	9
Dressmakers	1
Wheelwrights	1
Shoemakers	8
Blacksmiths	1
Plumbers	2
Timber Merchants and Joiners	4
Builders Workshops	4
Sewage Pumping Stations	1
Gas Works	1
Cycle Repair Shops	1
Quarries	1
Printers	—
Upholsterers	1
Monumental Works	2

These premises have been visited periodically, and improvements were effected in cleanliness and sanitary accommodation.

Inspections of Factories.

<i>Premises.</i>	<i>Inspections.</i>	NUMBER OF—		<i>Occupiers</i>
1	2	Written Notices.	3	Prosecuted.
			4	
Factories with Mechanical Power	31	.....	2	—
Factories without Mechanical Power	90	.....	—	—
*Other Premises under the Act (including works of building and engineering construction, but not including outworkers' premises) .....	—	.....	—	—
Total	121	.....	2	—

*Electrical Stations are not included as Factories.

Defects Found.

<i>Particulars.</i>	NUMBER OF DEFECTS—				<i>No. of Offences in respect to which Prosecu- tions were Instituted</i>
	<i>Found.</i>	<i>Remedied.</i>	<i>Referred to H.M. Inspector.</i>		
1	2	3	4	5	
Want of Cleanliness .....	—	.....	—	.....	—
Overcrowding .....	—	.....	—	.....	—
Unreasonable Temperature .....	—	.....	—	.....	—
Inadequate Ventilation .....	—	.....	—	.....	—
Ineffective Drainage of Floors .....	—	.....	—	.....	—
<i>Sanitary Conveniences—</i>					
Insufficient .....	—	.....	—	.....	—
Unsuitable or Defective	2	.....	2	.....	—
Not separate for Sexes.....	—	.....	—	.....	—
Other Offences .....	—	.....	—	.....	—
(Not including offences relat- ing to Home Work or offences under the sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Fac- tories Act, 1937)					
Total	2	.....	2	.....	—

SCHOOLS IN THE PORTHCAWL AREA.

Generally speaking, the hygienic conditions in the Council Schools are satisfactory.

The following improvements were carried out at the schools during the year:—

1 New water closet pan substituted for defective exist-
ing pan.

8 Water closets cleansed.

New cement area provided to the water closets.

Repairs carried out to defective automatic flushing
cistern and defective sparge pipe.

Face of urinal wall rendered in new cement.

Existing channel of urinal taken up and replaced with
half-channelled glazed stoneware pipes.

7 Drain inspection chambers cleansed, repaired and reconstructed.

Cap provided in raking arm of Interceptor trap.

5 Drains cleared and cleansed.

Cap provided in cleaning eye of existing gulley.

School.	On Register	Accommodation	Conveniences. Sanitary
Porthcawl Newton Council School (Senior Dept.)	345	298	12 Wash down w.c's., 1 urinal and 6 wash-hand basins.
Porthcawl Newton Council School (Infants Dept.)	127	138	7 wash down w.c's. 1 urinal and 6 wash-hand basins.
Porthcawl Nottage Council School	237	217	8 wash down w.c's, 2 urinals and 7 wash-hand basins.
Central Senior Schools	336	480	19 w.c's., 11 urinals, 22 wash-hand basins, 9 baths.

All milk supplied to the scholars attending these schools is "Pasteurised" and periodical samples collected from this supply are submitted to the County Analyst for Bacteriological Examination.

SECTION D.

HOUSING.

The general housing conditions in the area are good, action has been taken for the demolition of a few old cottages because their condition was such that they required demolition and complete reconstruction.

The work in connection with housing is mainly directed to systematic inspection for the maintenance of reasonable conditions of repair.

HOUSING STATISTICS.

Unhealthy Areas Nil.

NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY.

(1). Under the Housing Acts Nil.

(2). Other Powers Nil.

NUMBER OF HOUSES ERECTED DURING THE YEAR.

(a) Total 9

(1). By Local Authority Nil.

(2). By other bodies and persons 9

(b) With State assistance under the Housing Acts ... Nil

(1). By Local Authority Nil.

(2). By other Bodies and Persons Nil.

1.—Inspection of Dwelling Houses during the Year.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) 78

(b) Number of inspections made for the purpose 121

(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Acts 30

(b) Number of inspections made for the purpose 40

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation Nil

(4) Number of dwelling houses (excluding those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 63

2.—Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 57

3.—Action under Statutory Powers during the Year.

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	Nil
(2) Number of dwelling houses which were rendered fit after service of formal notices.	
(a) By Owners	Nil
(b) By Local Authority in default of Owners	Nil
(b) Proceedings under Public Health Acts.	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	6
(2) Number of dwelling houses in which defects were remedied after service of formal notices.	
(a) By Owners	6
(b) By Local Authority in default of Owners	Nil
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936.	
(1) Number of dwelling houses in respect of which Demolition Orders were made	Nil
(2) Number of dwelling houses demolished in pursuance of which Demolition Orders were made	2
(d) Proceedings under Section 12 of the Housing Act, 1936.	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

TENTS, VANS AND SIMILAR STRUCTURES.

During the summer months a small number of campers occupied a few of the sites in the district; the sanitary conditions prevailing were found to be generally satisfactory.

SECTION E.

INSPECTION & SUPERVISION OF FOOD.

Milk Supply.

Number of Dairy Farms in the Urban Area	18
The number of Milch cows kept approximate to	180
Producers of Graded Milk	2
Number of Retail Purveyors:—	
(a) Resident	16
(b) Non-resident	4
Number of Dairy Milkshops	4

Several of these purveyors distribute both loose and bottled milk.

Four retail purveyors hold licences for the sale of Graded Milk. The Special Designations are:—

Tuberculin Tested (Certified). Licenced by the County	1
Tuberculin Tested	2
Pasteurised	1
Visits to Cowsheds during the year	179
Visits to Dairies and Milkshops	154
Visits in connection with Sampling of Milk (Bacteriological)	17
Miscellaneous visits in connection with milk supply	19

BACTERIOLOGICAL EXAMINATION OF MILK.

The reports of the County Bacteriologist on Samples of Milk submitted for examination from this District are as follows:—

Designated Milk:—

<i>Taken.</i>	<i>No. of Samples.</i>	<i>No. Satisfactory.</i>	<i>No. of Moderate Bacterial Purity.</i>	<i>No. Unsatisfactory.</i>
By Sanitary Inspector	12	5	1	6
Totals	12	5	1	6

Undesignated Milk:—

<i>Taken.</i>	<i>No. of Samples.</i>	<i>No. Satis- factory.</i>	<i>No. of Moderate Bacterial Purity.</i>	<i>No. Unsatis- factory.</i>
By Sanitary Inspector	29	16	3	10
By Police	—	—	—	—
Totals	29	16	3	10

The failure to achieve good results, in some instances, is due to lack of attention to the important points of detail necessary to be observed. Some persons are careless, and others have not had any education in the hygiene of the subject with the result that objectionable conditions are often found.

Frequent visits have been paid to the cowsheds in the area, during milking time, and although steady progress has been made towards improving the standard of our milk supply, more drastic action may have to be taken against the more persistent offenders.

SLAUGHTERHOUSES AND MEAT SHOPS.

The number of licensed slaughterhouses and their situations are as follows :—

(1) Cae Gwtr, Vernon Road.

(2) Ty Slon, Rear of Crynallt House, Newton.

Number of Meat Shops in the Area 10

Visits paid to Slaughterhouses 50

Visits paid to Meat Shops and Stalls 382

Slaughter of Animals Act, 1933.

This Act provides for the humane and scientific slaughter of animals in slaughterhouses and knackers' yards, and for the licensing of all slaughtermen by the Local Authority.

The number of licences granted by the Council in 1940—6

Public Health (Meat) Regulations.

Notices of intended slaughter, outside the regular hours, and which must be delivered to the Sanitary Inspector were as follows :—

Three Hours' Notice (Butchers)	24
Three Hours' Notice (Cottagers)	Nil
Notice of Disease	Nil
Notice of emergency slaughter	Nil

The requirements as to the giving of notice are well observed

Carcases Inspected and Condemned.

	Cattle.		Calves.	Sheep & Lambs.	Pigs.
	M.	F.			
Number killed	4	6	1	137	19
Number inspected	4	6	1	137	19
(All diseases except Tuberculosis)—					
Whole carcases condemned	—	—	—	—	—
Carcase of which some part or organ was condemned	1	1	—	2	—
Percentage of the number inspected affected with disease other than Tuberculosis	20	—	—	1.4	—
(Tuberculosis only).					
Whole carcases condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	—
Percentage of the number inspected affected with Tuberculosis	—	—	—	—	—

Summary of Weight of Meat Condemned :—

	Weight.
Bovine—Tuberculosis	Nil lbs
Other Diseases	112 $\frac{3}{4}$..
Pigs—Tuberculosis	Nil ..
Other Diseases	Nil ..
Sheep and Lambs—Other Diseases	4 ..
Total	116 $\frac{3}{4}$..

Or 0 tons, 1 cwt., 0 qrs., 4 $\frac{3}{4}$ lbs.

The following table shows the number of carcases examined and the amount of meat condemned during 1940 and previous years,

Year.	Weight of Meat Condemned.				No. of Carcases Examined.
	<i>Tons</i>	<i>Cwt.</i>	<i>Qrs.</i>	<i>Lbs.</i>	
1930	1	14	0	25	1,699
1931	1	2	0	23	2,251
1932	0	13	3	24	2,854
1933	0	18	3	2	2,684
1934	0	11	0	18	2,600
1935	0	6	1	14	2,609
1936	0	4	2	8	3,140
1937	0	10	2	14	2,848
1938	0	11	0	0	2,793
1939	0	7	3	1	3,245
1940	0	1	0	4 $\frac{3}{4}$	157

Other Foods condemned:—

162 lbs. of bacon, 11 $\frac{1}{2}$ lbs. of ham, 1 tin of Golden Bowl Peas, 1 tin luncheon beef (6 lbs.), 1 tin of herrings, 3 tins of milk, 1 tin of lobster, 3 tins stewed steak, 1 tin of damsons, 10 tins of tomatoes, 2 tins of salmon, 4 tins of cream, 26 lbs. of beef, 6 tins of pineapples, 2 tins of oranges, 1 can (10 lbs.) of frozen pigs liver, 1 tin (6 lbs.) of beef, 1 jar of blackberries.

THE FOOD AND DRUGS ACT.

Under the Food and Drugs Act, 1938, which came into operation on October 1st, 1939, the following registrations and inspections were made in the period now under review.

Premises used for the Preparation or Manufacture of sausages, potted, pressed, pickled or preserved food.

Number of premises registered 10
 Visits paid to above premises 23

These premises were found to be satisfactory with regard to general cleanliness and sanitation.

The number of fried fish shops within the area are 7, and conditions generally are satisfactory.

Premises used for the Sale, or the Manufacture for the purpose of Sale of Ice Cream, or the Storage of Ice Cream intended for sale.

Number of premises registered 38
 Visits paid to above premises 67

The conditions of these premises were generally satisfactory, and as a result of inspections the following improvements were carried out.

One new water closet pan provided in place of an existing cracked and defective one.

One glazed stoneware gulley provided and fixed in order to efficiently drain paved area at rear of premises.

Food Poisoning.

All cases of food poisoning are now notifiable to the Local Authority, and in this connection 3 cases were notified during 1940.

These premises were visited and samples were submitted to the Cardiff and County Public Health Laboratory for bacteriological examination. A copy of the Analyst's report is set out hereunder.

Report on Bacteriological Examination.

Date received—28/8/40. Sanitary District, Porthcawl.

No. 1.—Stomach contents.

No. 2.—Stomach contents.

No. 3.—Trace of salmon (Used tin).

No. 4.—Control salmon (Fresh tin).

Result of Examination.

No evidence of any food poisoning organisms.

The samples were examined by enrichment and by direct plating methods for salmonella organisms, Dysentery and for Para-typhoid A and Para-typhoid B organisms with negative results.

Signed—J. H. SUGDEN.

Sampling under the Food and Drugs Act is undertaken by the Police, under the direction of the County Council. I am indebted to Police Superintendent W. C. May for the following particulars of samples taken in the district during the year.

New Milk	.....	21
Butter	.....	2
Margarine	.....	1
Lard	.....	1
Flour	.....	1

Shredded Wheat	1
Milkarone	1
Raisins	1
Cheese	2
Cocoa	1
Total	<u>32</u>

Upon analysis, all samples proved to be genuine.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Diphtheria.

The number of cases notified was 27 as compared with 6 during 1939, 13 during 1938 and 26 notifications during 1937.

One death occurred from this disease.

Diphtheria Antitoxin is provided free to Medical Practitioners for patients residing within the Urban Area. Quantities are kept at the Council Offices and at the Medical Officer's Residence and also at the Police Stations at John Street, Newton and Nottage, where it may be procured immediately at any hour.

No inoculations were carried out for the artificial immunisation against diphtheria, but a scheme has been decided upon and is to be put into operation during the early part of 1941.

Scarlet Fever.

11 cases of Scarlet Fever were notified, as compared with 14 cases during 1939, and 6 cases during 1938. 9 patients were removed to hospital and the remaining 2 cases were isolated and treated at home.

The disease was of a mild type and no deaths occurred.

Pneumonia.

All forms of Pneumonia are not notifiable. 2 cases of Acute Influenzal Pneumonia, and 1 case of Acute Primary Bronchial Pneumonia were notified to me during 1940.

Other Notifiable Diseases.

2 cases of Puerperal Pyrexia were notified during the year. These patients were removed to hospital and recovered.

114 cases of German Measles and 42 cases of Measles were notified during 1940.



Cases of Infectious Diseases notified during the Year 1940.

Notifiable Diseases.	Cases notified in whole District.													Total No. of Cases removed to Hospital.	Total Deaths.
	At Ages—Years.														
	Under 1	1—	2—	3—	4—	5—	10—	15—	20—	35—	45—	65—	Total		
1. Scarlet Fever	—	1	—	—	—	4	2	—	4	—	—	—	11	—	
2. Diphtheria	—	2	2	2	—	13	4	2	3	1	—	—	27	1	
3. Puerperal Pyrexia	—	—	—	—	—	—	—	—	2	—	—	—	2	—	
4. Acute Influenzal Pneumonia	1	—	—	—	—	—	—	—	—	—	1	—	2	—	
5. Acute Primary Brouchial Pneumonia	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Meningococcal Meningitis	—	2	—	1	—	1	2	—	3	1	2	—	12	5	
8. Ac : Ant : Enceph :	—	—	—	—	—	—	—	1	—	—	—	—	—	1	
9. Ac : Ant : Polio-myel :	—	—	—	1	—	—	—	—	—	—	—	—	—	—	
Totals	2	5	4	4	4	18	8	3	12	2	3	—	55	7	

Deaths from Cancer, 1940.

Organ or Part affected.	AGE GROUPS										Total Deaths	
	0—15		15—25		25—45		45—65		65 Up			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Colon	—	—	—	—	—	—	—	—	1	1	1	1
Stomach	—	—	—	—	—	—	—	—	1	2	1	2
Lung	—	—	—	—	—	—	—	—	—	—	—	—
Oesophagus	—	—	—	—	—	—	—	—	1	—	1	—
Uterus	—	—	—	—	—	—	—	—	—	1	—	1
Breast	—	—	—	—	—	—	—	—	—	2	—	2
Body of the Pancreas	—	—	—	—	—	—	—	—	—	—	—	—
Venihicule	—	—	—	—	—	—	—	—	—	—	—	—
Bladder	—	—	—	—	—	—	1	—	1	—	2	—
Prostate	—	—	—	—	—	—	—	—	—	—	—	—
Rectum	—	—	—	—	—	—	—	—	—	—	1	—
Liver	—	—	—	—	—	—	—	—	2	—	2	—
Totals	—	—	—	—	—	—	1	—	7	6	8	6

There are no facilities provided within the Area for the diagnosis and treatment of Cancer.

The nearest voluntary hospitals are situated at Cardiff.

Tuberculosis.

Notification of and Deaths from Tuberculosis.

Age Periods.	New Cases.						Deaths.					
	Pulmonary		Non-Pulmonary		Totals.		Pulmonary		Non-Pulmonary		Totals.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	—	—	—	—	—	—	—	—	—	—	—
1—5	1	—	2	1	3	1	—	—	—	—	—	—
5—10	2	—	—	—	2	—	—	—	—	—	—	—
10—15	—	—	—	—	—	—	—	—	—	—	—	—
15—20	1	—	—	—	1	—	—	—	—	—	—	—
20—25	1	1	—	—	1	1	1	—	—	—	1	—
25—35	3	4	—	—	3	4	—	1	—	—	—	1
35—45	—	1	—	—	—	1	—	—	—	—	—	—
45—65	—	1	—	—	—	1	1	—	—	—	1	—
65 & Up	—	—	—	—	—	—	—	—	—	—	—	—
Totals	8	7	2	1	10	8	2	1	—	—	2	1

The number of new cases coming to my knowledge was 18 giving a rate of 1.93 new cases per 1,000 of the estimated resident population.

Death rate per 1,000 of the population :—

Pulmonary Forms	0.32
Other Forms	0.00

Observation Cases.

Deleted from the Register :—

By Death	3
Removal from the District	6
Altered Diagnosis	3
Recovered	4

Public Health Act, 1925.—Section 62.

**The Public Health (Prevention of Tuberculosis) Regulations,
1925.**

Public Health Act, 1936.—Section 174.

No action was taken under the above Acts and Regulations.

Ophthalmia Neonatorum.

Cases.			Vision Un- impaired.	Vision Impaired.	Total Blindness.	Deaths.
Notified.	Treated.					
	At Home.	In Hosp'l.				
1	Nil	1	1	Nil	Nil	Nil

Public Vaccination.

No vaccinations or re-vaccinations were carried out by the Medical Officer of Health under the Public Health (Small Pox Prevention) Regulations.

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case Rates for certain Infectious Diseases in the Year 1940.

(Provisional figures based on Weekly and Quarterly Returns)

	England and Wales.	126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County
Rates per 1,000 Civilian Population.				
<i>Births :—</i>				
Live	14.6	16.0	15.7	13.7
Still	0.55	0.64	0.55	0.44
<i>Deaths :—</i>				
All Causes	14.3	15.8	12.8	17.8
Typhoid and Para- typhoid	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.02	0.00
Diphtheria	0.06	0.07	0.05	0.01
Influenza	0.32	0.29	0.30	0.18
Smallpox	—	—	—	—
Measles	0.02	0.02	0.02	0.01
<i>Notifications :—</i>				
Enteric	0.07	0.06	0.10	0.06
Cerebro Spinal Fever	0.32	0.33	0.29	0.28
Scarlet Fever	1.63	1.53	1.57	0.82
Whooping Cough	1.34	1.29	1.35	0.22
Diphtheria	1.16	1.20	1.21	0.61
Erysipelas	0.33	0.36	0.30	0.35
Smallpox	0.00	—	—	—
Measles	10.24	9.23	9.99	1.78
Pneumonia	1.20	1.37	1.00	0.87
Rates per 1,000 Live Births :—				
Deaths under 1 year of age	55	61	54	50
Deaths from Diarrhoea & Enteritis under 2 years of age	4.6	5.9	4.4	5.8
Rates per 1,000 Total Births (Live & Still).				
<i>Maternal Mortality—</i> (Excluding Abortion)				
Puerperal Infection (No. 147)	0.52	} <i>Not available.</i>		
Others	1.64			
Total	2.16			
<i>Notifications :—</i>				
Puerperal Fever }	11.96	13.90	9.73	3.34
Puerperal Pyrexia }				13.30

Glamorgan (Administrative County). VITAL STATISTICS, 1940.

District	Births.			Deaths.			Infant Mortality.		
	Estimated Population 1940	Number of Births	Rate per 1000 Population	Number of Deaths	Rate per 1000 Population	Deaths under 1 year	Rate per 1000 Births	Adjusted Birth figure- for calcula- ting I.M. rate	
Administrative County	716,400	11,652	16.3	9,575	13.4	777	65	11,882	
Urban Districts	531,200	8,668	16.3	7,392	13.9	595	67	8,860	
Rural Districts	185,200	2,984	16.1	2,183	11.8	182	60	3,022	
England and Wales	—	—	14.6	—	14.3	—	55	—	
Urban Districts—									
Aberdare	41,780	569	13.6	691	16.5	46	80	576	
Barry Boro'	39,730	634	16.0	519	13.1	41	64	640	
Bridgend	13,010	183	14.1	134	10.3	13	70	187	
Caerphilly	31,630	610	19.3	484	15.3	54	87	618	
Cowbridge	1,150	18	15.7	15	13.0	—	—	18	
Gelligaer	35,630	710	19.9	435	12.2	49	68	718	
Glyncorrwg	9,056	216	23.9	127	14.0	14	63	221	
Llŵchwr	25,620	396	15.5	324	12.6	35	88	399	
Maesteg	23,460	443	18.9	318	13.6	37	81	457	
Mountain Ash	32,250	566	17.6	444	13.8	30	51	584	
Neath Boro'	31,240	415	13.3	428	13.7	27	64	420	
Ogmore & Garw	23,160	430	18.6	298	12.9	29	65	447	
Penarth	16,590	202	12.2	244	14.7	16	79	203	
Pontypridd	38,340	661	17.2	524	13.7	34	50	676	
POR'THCAWL	9,314	108	11.6	114	12.2	6	53	114	
Port Talbot Boro'	41,340	666	16.1	539	13.0	44	65	672	
Rhondda	117,900	1,841	15.6	1,754	14.9	120	63	1,910	
Rural Districts—									
Cardiff	34,300	470	13.7	375	10.9	22	47	473	
Cowbridge	12,540	223	17.8	130	10.4	16	72	223	
Gower	10,180	166	16.3	134	13.2	7	42	166	
Llantrisant & Llantwit Fardre	23,930	466	19.5	324	13.5	34	72	470	
Neath	39,930	676	17.0	455	11.4	33	48	686	
Penybont	31,100	539	17.3	346	11.1	38	69	550	
Pontardawe	33,220	444	13.4	419	12.6	32	70	454	

